## BELYAKOV, A.S.; KABYSH, L.K.

Automatic control of gas combustion in burners of blast furnace air preheaters. Stal! 22 no.4:303 Ap '62. (MIRA 15:5)

1. Zavod "Zaporoshstal".

(Air preheaters) (Automatic control)

LEPILKIN, N.M., inzh.; AKSENOV, V.P., kand. tekhn. nauk; KUKHARCHUK, N.N., inzh.; KABYSH, V.L., inzh.; LYALIN, Yu.K., inzh.

Method of laying out quarries for the quarrying of rock products.

Gor. shur. no.6:53-55 Je \*65. (MIRA 18:7)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut ugol'noy, rudnoy, neftyanoy i gasovoy promyshlennosti UkrSSR, Kiyev.

L 42982-66 EWT(m)/EWP(i)/I RM/WW/JW/JWD/JXI(CZ)SOURCE CODE: UR/0413/66/000/008/0022/0022 AP6013232

INVENTOR: Volkov, V. L.; Drozdov, A. K.; Kabyshev, A. S.; Leont' yev, N. G.; Ustinov, V. K.; Frayman, R. S.; Tsirlin, A. M.

ORG: none

TITLE: Preparation of trichlorosilane. Class 12, No. 180594 [announced by the Podol' sk Chemical Metallurgy Plant (Polol' skiy khimiko-metallurgicheskiy zavod)

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 8, 1966, 22

TOPIC TAGS: silicon compound, hydrogen chloride, explosive forming

ABSTRACT: An Author Certificate has been issued for a method of obtaining a trichlorosilane by an interaction of silicon-containing crudes with hydrogen chloride. To prevent forming dangerously explosive polychlorosilanes, coarse-crushed silicon-containing crude of 30-mm particle size is used with a continuous feed of hydrogen chloride. Conversion is completed by reciprocal circulation of the siliconcontaining crudes in the reaction apparatus equipped with an arrangement for mixing and conveying solid crude. [Translation] [NT]

SUB CODE:07.11/SUBM DATE: 24Apr64/

Card 1/1 hs

KABYSHEV. B.P.

Quantitative evaluation of the displacement in arc structure with depth. Neftegaz.geol. i geofiz. no.2:36-39 164. (MIRA 17:4)

1. Chernigovskaya ekspeditsiya Ukrainskogo nauchno-issledovatel'-skogo geologorazvedochnogo instituta.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

KABYSHEVA, S.A., inzh.; BULATOV, G.P., inzh.; ZYBIN, Yu.P., doktor tekhn.
nauk, prof.

Contact thermodiffusion method of moistening shoe uppers. Izv. vys.ucheb.zav.; tekh.leg.prom. no.5193-97 '61. (MIRA 14:12)

1. Moskowskiy tekhnologicheskiy institut legkoy promyshlennosti. Rekomendovana kafedroy tekhnologii obuvnogo proizvodstva.

(Shoe manufacture)

PRIVEZENTSEV, V.A., professor; KABYSTINA, G.F., inzhener.

Calculating fibrous insulation of conductors. Vest.electroprom. 27 no.7:38-11 Jl '56. (MLRA 10:8)

1. Mauchno-issledovatel'skiy institut kabel'noy promyshlennosti.
(Electric insulators and insulation)

SOV/112-59-20-41789

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 20, pp 14-15 (USSR)

AUTHORS:

Privezentsev, V.A., Kabystina, G.F.

TITLE:

Heat-Resistant Connecting Cables

PERIODICAL:

\$ 10 miles

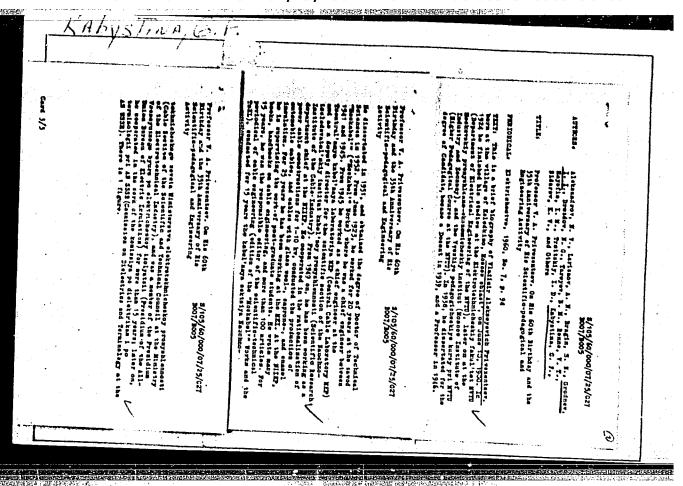
Tr. N.-i. in-ta kabel'n. prom-sti, 1958, Nr 3, pp 167-171

ABSTRACT:

Various types of heat-resistant connecting cables with a fibrous and film insulation developed by the Scientific-Research Institute of the cable industry in co-operation with "Moskabel" works are described. Cables of GPKO type with a triacetate film insulation and a caprone fibre winding over which a caprone fibre braid with a butvare-phenol glue BF-2 is laid, can withstand long service at temperatures up to 105°C and short service at temperatures up to 120°C. They can be used for the taps of electrical machines in cases when an increased mechanical strength after the impregnation and drying of electrical machines is required. Flexible connecting

Card 1/2

cables of DG type (choking flexible) with two windings and a glass fibre braid with the BF-2Pglue can work at temperatures up to



PRIVEZENTSEV, V.A., doktor tekhn.nauk; KABYSTINA, G.F., inzh.; PESHKOV, I.B., inzh.

New types of winding wire with fiberglass insulation and increased heat resistance. Vest.elektroprom. 33 no.6:12-16 Je 162.

(MIRA 15:7)

(Electric wire, Insulated) (Electric machinery—Windings)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

## KABZA, Regina

A case of sudden death in acude epidemic encephalitis. Arch. med. sad., Warszawa, 6:67-72 1955.

1. Z Zakladu Medycyny Sadowej A.M. w Poznaniu. Kierownik: prof. dr. G. Schilling-Siengalewicz. (DEATH SUDDEN

in acute epidemic encephalitis)
(ENCEPHALITIS, EPIDEMIC, complications death, sudden)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

WYSOCKI, Kasimiers; SMOCZKIEWICZOWA, Aleksandra; MIZGALSKI, Witold; KABZA, Regina

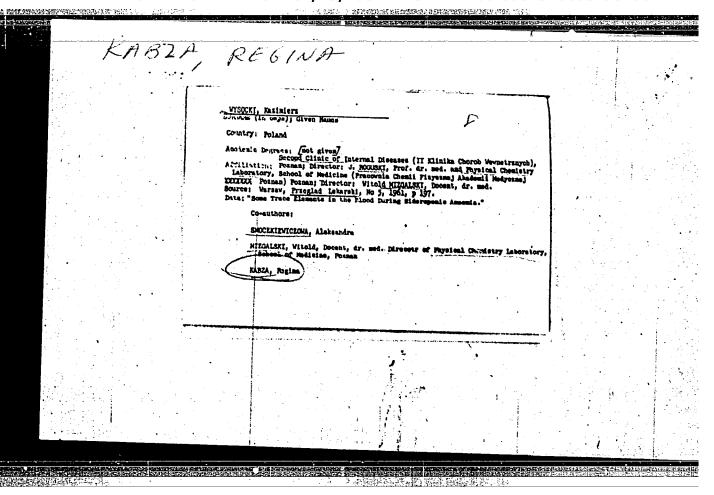
Blood cobalt content in chronic post-hemorrhagic anemia. Polski tygod.lek. 15 no.43/44: 1689-1691 24 0 160.

1. Z II Kliniki Chorob Wewnetrsnych A.M. w Posnaniu; kierownik: prof.dr J.Roguski i z Pracowni Chemii Fisycznej A.M. w Posnaniu; kierownik: doc.dr W.Misgalski.

(ANEMIA blood)

(COBALT blood)

### "APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2



WYSOCKI, K.; SMOCZKIEWICZOWA, A.; MIZGALSKI, W.; KABZA, R.

The content of cobalt in the blood of patients with anemia in chronic rheumatic diseases. Bull soc. amis sci Poznan [Med] Ser. C no.10:

(RHEUMATISM blood) (CORALT blood)
(ANEMIA etiol)

# SEYFRIEDOWA, Halina; KABZA, Regina

Behavior of anti-T agglutinins in pathological conditions. Pol. arch. med. wewnet. 32 no.6:585-588 162.

1. Z Zakladu Medycyny Sadowej AM w Poznaniu Kierownik: doc. dr med. E. Chroscielewski i ze Szpitala Miejskiego Nr 2 w Poznaniu Ordynator: doc. dr med. K. Wysocki.

(ANTIBODIES)

WYSOCKI, Kazimierz; SMOCZKIEWICZOWA, Aleksandra; MIZGALSKI, Witold; KABZA, Regina

The cobalt content in the blood serum of patients with malignant anemia, postresection syndromes and chronic gastritis. Pol. arch. med. wewn. 32 no.10:1281-1285 '62.

1. Z II Kliniki Chorob Wewnetrznych AM w Poznaniu Kierownik: prof. dr med. J. Roguski i z Pracowni Chemii Fizycznej AM w Poznaniu Kierownik: doc. dr med. W. Mizgalski.

(COBALT) (ANEMIA PERNICIOUS) (POSTGASTRECTOMY SYNDROMES)

(GASTRITIS)

# PREISLER, E.; KARZA, R.

Concentration changes of some human serum electrolytes and iron in consequence of physical efforts. Bull. soc. amis. sci. Poznan [med.] 13 :85-93 \*64

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

MASTYNSKA, Maria; Plock, Edmund; KABZA, Regina

Iron level in the blood serum of patients in early stages after various surgical operations. Pol. tyg. lek. 20 no.20: 707-710 17 My '65.

1. Z II Kliniki Chirurgicznej AM w Poznaniu (Kierownik: prof. dr. Roman Drews) i z Katedry Medycyny Sportu AM w Poznaniu (Kierownik: prof. dr. Eligiusz Preisler).

MASTYNSKA, Maria; PIOCH, Edmund; KABZA, Regina

Effect of partial thyroidectomy on the blood iron level. Endokr. Pel. 16 no.5:525-528 165.

1. II Klinika Chirurgicana AM w Posnaniu (Kierownik: prof. dr. R. Drews) i Katedra Medycyny Sportu AM w Posnaniu (Kierownik: prof. dr. E. Freisler).

D210BA, Helena; KABZA, Rynzard

Angiona of the large intestine. Pol. tyg. lek. 20 no.4:127-148 25 Ja 165.

1. Z II Kliniki Chorob Wewnetrznych Akademii Hedycznej w Ledzi (Kierownik: prof. dr. med. Włodzimierz Husial) i z II Kliniki Chirurgicznej Akademii Medycznej w Lodzi (Kierownik: prof. dr. med. Jan Moll).

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

Programment in the control of the co

BINIECKI, Stanislaw; KABZINSKA, Zoria; SZYPULSKA, Maria

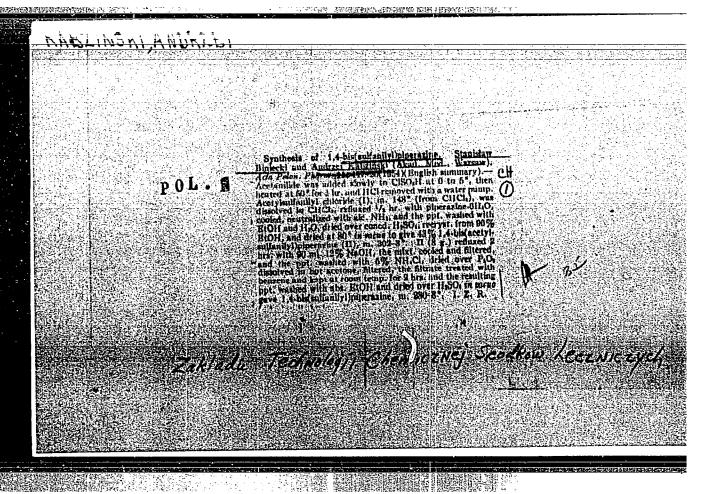
On the synthesis of piperonal. Acta pol. pharm. 20 mo.3: 243-245 163.

1. Z Zakladu Technologii Chemicsnej Srodkov Leczniczych Akademii Medycznej w Warzsawie Kierownik: prof. dr St. Biniecki. (ALDEHYDES) (CHEMISTRY, PHARMACEUTICAL)

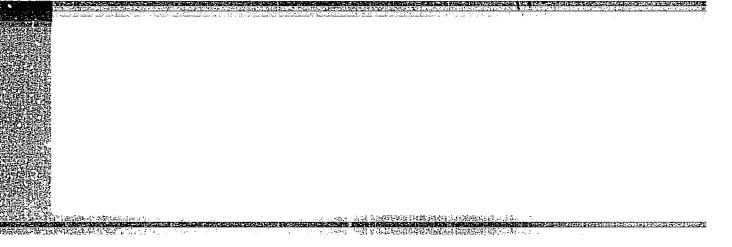
GUTKOWSKA, Bozenna, dr. KABZINSKA, Zofia, mgr

More remarks on specialization of pharmacists. Farmacja Pol 19 no. 13/14:307-308 25 Jl '63.

M . F



## "APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2



#### "APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2

KAC, A

CZECHOSLOVAKIA/Special and General Zoology - Insects.

0-3

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 69865

Author

Kac, A.

Inst

Title

New Methods of June-Bug Larvae Destruction.

Orig Pub

Zemed. pokrok, 1956, 3, No 11, 166

Abstract

In spraying the soil, abounding in June-bug larvae with a 0.1 percent emulsion of E-605-F with a motor sprayer, a 1000 1/ga of emulsion penetrated to the depth of 5cm. After a day there were 78 percent of live larvae, after two days - 49 percent, after 6 days only 3 percent were found.

Card 1/1

11 (2) 表籍整體體體質量數學第一位 APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

FA . 5A7 Kac. M. An application of probability theory to the study of Landsco's assession. Ann. Soc. Polon. Math. 25 (1952) Let Q be a bounded closed three-dimensional region and  $\Omega_0$  its interior. Then the Green's function G(y,r) of the Laplace equation Apr = 0 which vanishes at every regular point of the boundary is given by the formula Vol. 15 **No.** 1 Jan. 1954  $G(y, r) = \lim_{n \to \infty} \lim_{\delta \to 0} \left( \frac{4}{3} \pi \delta^2 \right)$ Analysis  $\times \int_0^n E\left(\exp\left(-u\int_0^t V_{\theta}(y+r(\tau))d\tau\right),\right.$  $|y+r(t)-r|<\delta$  dt. Here  $V_B(r)$  is the characteristic function of the set B which is the complement of  $\Omega_0$  with respect to any closed sphere containing Q in its interior. And the expression  $E(\cdots,\cdots)$ denotes the Wiener integral of  $\exp\left[-s(r+r)\right]$  denotes the Wiener integral of  $\exp\left[-s(r+r)\right]$  over the set of those paths r(t) which satisfy the condition  $|y+r(t)-\gamma|<\delta$ . The proof relies upon the author's result in the Proc. 2nd Berkeley Symposium on Math. Statistics and Probability [1950, Univ. of California Press, 1951, pp. 189-215; these Rev. 13 5687 and as a hyperdunit 1951, pp. 189-215; these Rev. 13, 568], and, as a by-product of the method of proof, it is proved probabilistically that (over)

$$G(y, r) = (2\pi | y - r|)^{-1} - \lim_{u \to u} \sum_{j=1}^{\infty} (u^{-1} + \mu_j)^{-1} (2\pi)^{-1}$$

$$\times \int_{B} |\rho - y|^{-1} \psi_j(\rho) d\rho (2\pi)^{-1} \int_{B} |\rho - r|^{-1} \psi_j(\rho) d\rho,$$

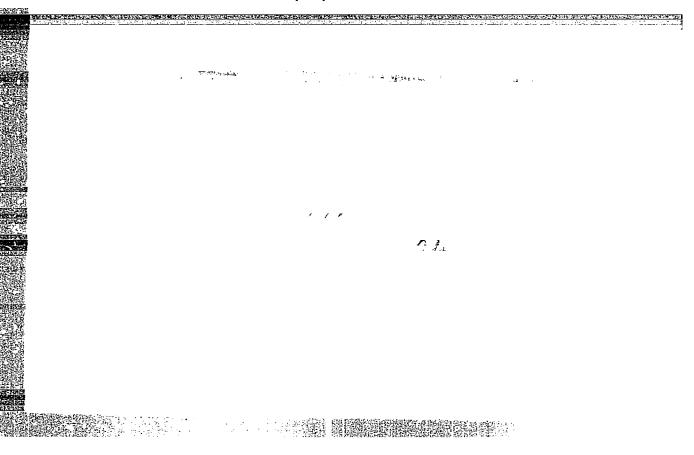
where the  $\mu_j$ 's are the eigenvalues and the  $\psi_j$ 's the normalized eigenfunctions of the integral equation

$$(2\pi)^{-1}\int_{B} |\rho-r|^{-1}\psi(\rho)d\rho = \mu\psi(r);$$

The results may be extended to higher dimensions but the method breaks down for the plane.

K. Yosida.

## "APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2



## "APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2

SC: Monthly List of Last European Accessions, Vol. 2, No. 9. Library of Congress, September 1953, Uncl.

KAC, VACLAV.

Ovocnictvi. Praha, Statni pedagogicke nakl., 1954. 130 p. (Ucebni texty vysokych skol)

SCURCE: EEAL - LC Vol. 5 No. 10 Cat. 1956

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

KATER BOOUSEAV

KATSAB, Boguslav [Kacab, Bohuslav]

Health resorts in Czechoslovakia. Vop.kur., fizioter. i lech. fiz. kul't. 22 no.2:71-76 Mr-Ap '57. (MIRA 11:1)

l. Machal'nik Glavnogo upravleniya samatoriyev, kurortov i meniral'-nykh istochnikov Ministerstva zdravookhraneniya Ghekhoslovatskoy Respubliki.

(CZECHOSLOVAKIA -- HEALTH RESORTS, WATERING PLACES, ETC.)

KUBES, Jiri, inz.; KACAFIREK, Stanislav, inz.

Problems of condensate in the paper industry. Papir a celulosa 19 no. 3:83-86 Mr 164.

1. Severoceske papirny, Steti.

KACALOVA, O.; KUMSARE, A.; KUNDZINS, M.; SKLENNIKS, C., red.; CERNOBROVA, L., tekhn. red.

[Large lakes in the vicinity of Riga]Lielie ezeri Rigas apkartne. Riga, Latvijas PSR Zinatnu Akademijas Izdevnieciba, 1962. 66 p. (MIRA 16:2) (Riga region-Lakes)

PASERIN, Vladimir; KOMORA, Frantisek; KACANIOVA, Erika

Contribution to the problem of wood preservation by sodium pentachlorophenolate. Drevarsky vyskum no.3:145-155 '64.

1. State Research Institute of Wood, Bratislava.

KACANIOVA, Erika, promovany biolog; PASERIN, Vladimir, inz.

Toxic properties of wash oil. Drevo 18 no.4:145-146

163.

1. Statny drevarsky vyskumny ustav, Bratislava.

ZIVKOVIC, Vera; KACANSKI, Dragica

Diptera, Simulidae in Neretva and its hounches. Glas. Srpska akad. nauk [Med.] 17 nc.207:165-174 464.

USSR/Human and Animal Physiology (Normal and Pathological). Effect of Physical Factors. Ionizing Emissions.

T

Abs Jour: Ref Zhur-Diol., No 17, 1958, 80141.

Author : Decharevich, Aleksandar D.; Kacanski, Katica I.;

Moncic, Desanka D.

Inst

: Investigation of the Inclusion of P32 in Phospholipids Title

and Nucleoproteids of the Liver in Rats and of the

General Increase of Weight of the Liver After Y-Ex-

posure of the Whole Body.

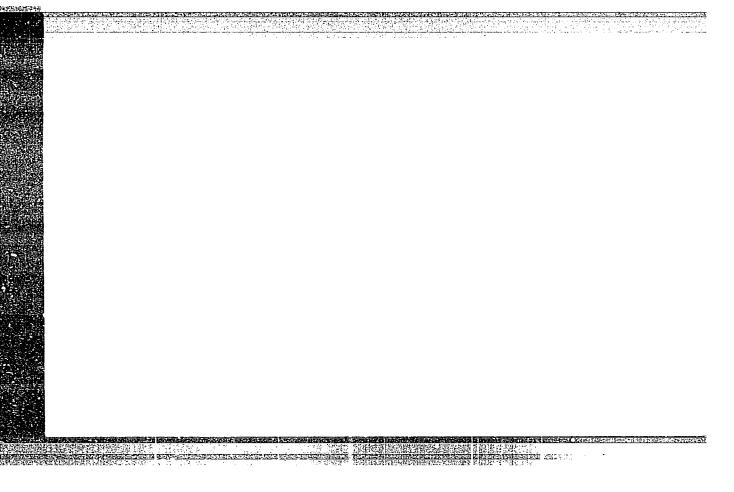
Orig Pub; Glasnik biol. sek. Hrvatsko prirodosl. dristvo, 1953,

(1950) Ser. 2D, 7, 101.

Abstract: No abstract.

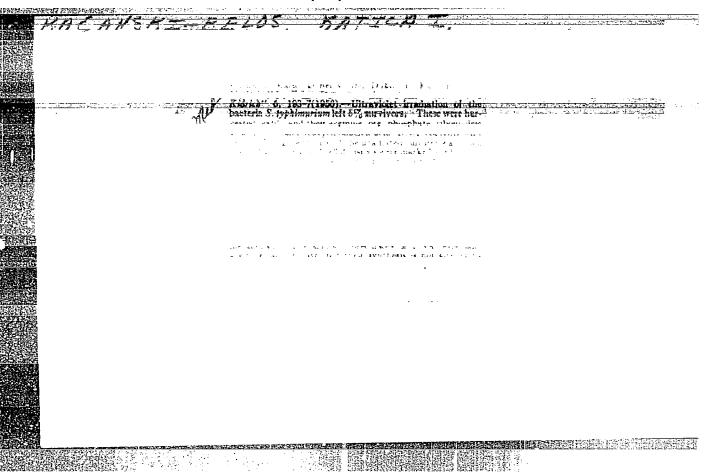
: 1/1 Card

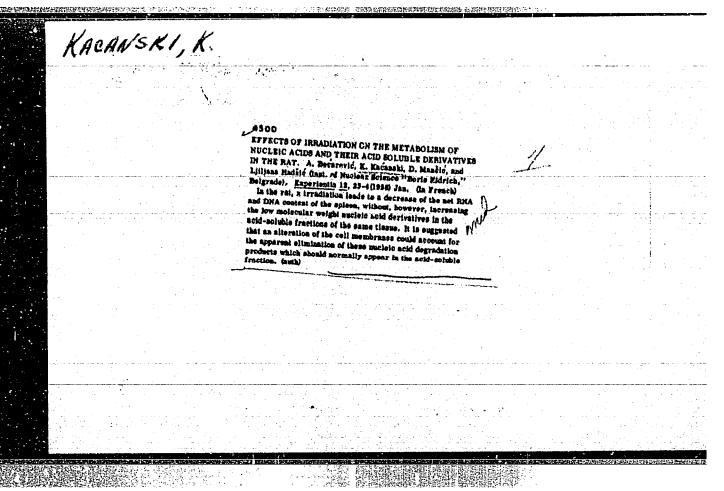
125



| Kacanikiki   |
|--|
| Technology 1,500 r. us a rays Decrythanucleic acid was.  S receiving 1,500 r. us a rays Decrythanucleic acid was.  I diministed 30% in the intertine and 15% in the spicen.  Rite over low was bestern. To be the intertine but was nuchanged in the spicer. Acid extensions above the spice and pyrimidine derives because the intertine and 30% in the spicen, probably as nucleosides agaid nucleotides.  W. C. Tobic |
|  |
| - <del>-</del>   |
|  |

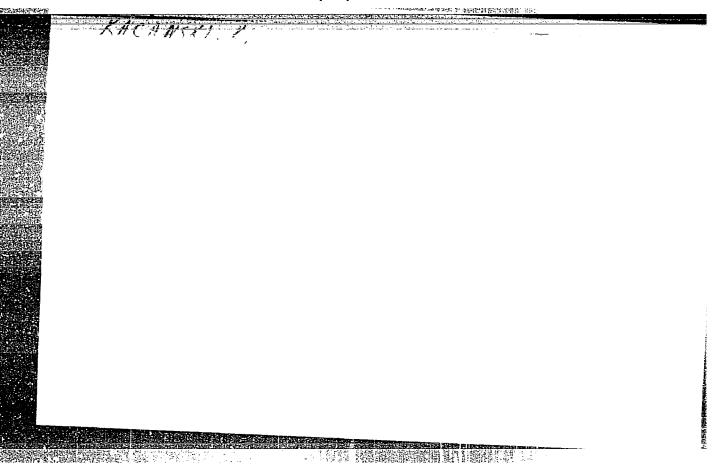
|  | YUGO |  |  |  | M                       |
|--|------|--|--|--|-------------------------|
|  |      | EFFECT OF X-RAY<br>LISM OF DESOXYRI<br>RATS EXAMINED W<br>Katica I. Kafanski,<br>char Sci. "Boris K. | § ON THE QUANTITY AN<br>BONUCLEIC ACID IN THI<br>ITH P <sup>21</sup> , Aleksandar D. I<br>ind Desanks D. Mančić, I<br>drich'' (Belgrade) §, 183-<br>uys on the metabolism of | e Liver of<br>lefarević,<br>luli, last, Nu-<br>8(1955) Mar.<br>lesoxyribonu- |                         |
|  |      | TO THE ALITED THE THE MANAGE AND   | r of rate was examined with 950 r. It was found innorporation of P <sup>22</sup> decre   | hat 24 hrs   |                         |
|  |      |  |  |  | agrand an artist of the |
|  |      |  |  |  |                         |
|  |      |  |  |  |                         |
|  |      |  |  |  |                         |
|  |      |  |  |  |                         |



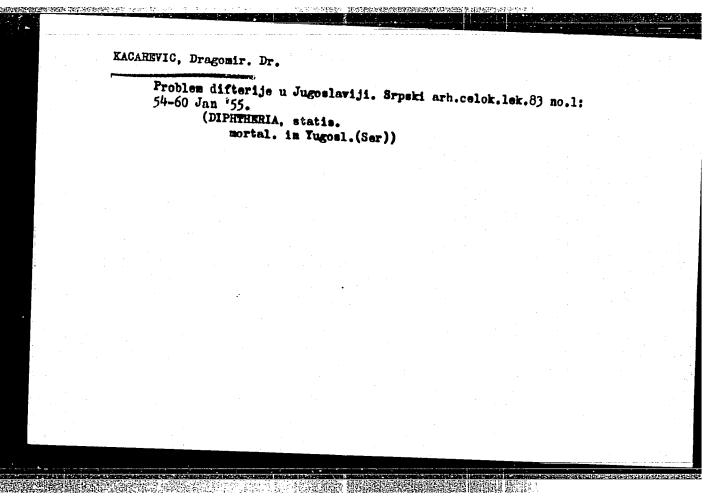


English Hally Land





# Problem of chronic bacillary dysentery; general comment. Glasn. hig. inst., Beogr. 4 no.3-4:1-16 July-Dec 1955. (DISENTERY, BACILLARY, epidemiol. in Yugoel., bacteriol. exam. (Ser))



# KACAREVIC, Dragomir, Dr.

Results of three years work on the problem of chronic bacillary dysentery. Glasn. Hig. inst., Beogr. 5 no.3:1-16 July-Sept 56.

(DYSENTERY, BACILLARY diag. & epidemiol. of chronic bacillary dysentery in Yugosl. (Ser))

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

# KACAREVIC, Dragomir, Dr. Laboratory observations during the study of chronic bacillar dysentery at Losnica. Glasn. Hig. inst., Beogr. 5 no.3:67-70 July-Sept 56. (FECES, microbiol. in chronic bacillary dysentery (Ser)) (DYSENTER, BACILLARY, diag. fecal exam. in chronic bacillary dysentery (Ser))

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

RAGAREVIC, M.

Problems of protection in the production of uranium; abstract. Glas Hem dr 27 no.9/10:560 °64

1. Institute of Muclear Raw Materials, Belgrade.

### KACARKVIC M.: PANTELIC-VASILJEVIC, LJ.

Problems of internal contamination in processing uranium ores; abstract. Glas Hem dr 27 no.9/10:561 \*64

1. Institute of Nuclear Raw Materials, Belgrade.

KACARSKI, M.

"Shelters for meteorologic instruments in ammunition depots."

p. 932 (Vojno-Tehnicki Glasnik) Vol. 5, no. 12, Dec. 1957 Belgrade, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 4, April 1958

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

"Paying more attention to locomotive armatures." (p. 292). ZELEZNICE (Zeleznicni vydavaterstvi) Praha, vol 3, No 11, 1953.

SO: East European Accessions List, Vol 3, No 8, Aug 1954.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

GAUDINS, Fricis; KACE, B., red.

[Origin of man] Cilveka izcelsanas. Riga, Latvijas PSR Zinatnu Akad. izd-va, 1964. 81 p. [In Latvian] (MIRA 17:5)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

TO THE STATE OF THE PARTY OF THE STATE OF TH

KACEJKO, L.

Sieci i podstacje elektryczne. (Wyd. 1.) Warszawa, Panstwowe Wydawn. Szkolnictwa Zawodowego, 1954. 398 p. (Electric lines and substations. 1st ed. illus., bibl., diagrs., tables)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

KACENA, Y.

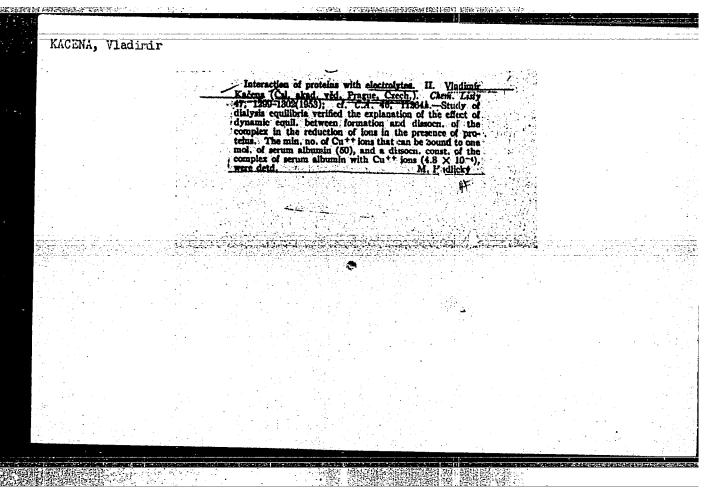
KACEHA, V.; MATOUSEK, L.

On albumins and aminoacids. Part 18. On the interaction of albumins and electrolytes. Part 1. [in German with summary in Russian]. Sbor. Chekh.khim.rab. 18 no.2:294-301 Ap 153. (MIRA 7:6)

1. Fiziko-khimicheskaya laboratoriya TSentral'nogo khimicheskogo instituta, Praga. (Albumin) (Electrolytes)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

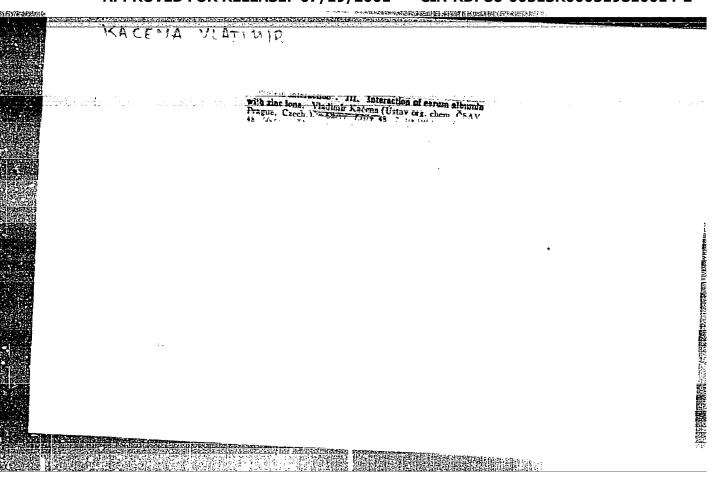
CHARLES AND THE CONTROL OF THE CONTR



### KACEHA, V.

"Protein Interactions. III. Interaction of Serum Albumin with Zinc Ions." p. 428 (COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS. SBURNIK CHEKHOSLOVATSKIKH KHIMICHESKIKH MABOT, Vol. 19, No. 3, June 1954, Praha, Czechoslovakia

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4 No. 5, May 1955, Uncl.



| OR CHUI ZARZOC                        | الوصودين يتقاعدون وينها بالفحائف أباته   | A Carlos Maria Carlos C | encore: Contracte Description Encoration and   | ces aparametra propriation de la constante de  |  |  |
|---------------------------------------|--|--|--|--|--|--|
|                                       | KACEN  | A, VLadimir  |  |  |  | - 4  |
|                                       | 7177   | ) LUQIMIR  |  |  |  |  |
|                                       |  |  |  |  |  | and the second of the second   |
|                                       |  |  |  |  |  |  |
|                                       | Marian Barana Baran   |  |  |  |  |  |
|                                       | and the second s | and the second of the second   | والا التيانات وتتابع تسامعون المتروط تتامت   | and the same of the same   | 4  |  |
|                                       |  |  |  |  |  |  |
|                                       |  |  |  | ÷ ÷  |  |  |
|                                       | grand and the second of the second   |  |  | ring and the second  |  |  |
|                                       |  |  |  |  |  |  |
|                                       | ranno como de la companio del la companio de la companio del la companio de la companio del la companio de la c |  | and the second s |  |  |  |
|                                       | and the second second  | in the second of | auchte Militaria (n. 1886)   | la comparata de la comparata d   |  | and the second of the second o |
| _                                     |  |  |  |  |  |  |
| -                                     |  | and distribution of the control of t | ingenius de la company consequence acceptance and the contract of the contract |  |  |  |
|                                       |  | فيستجب فسترس ومعامرتها بإنها والمستبدئ للمستداع متكسبون وسادوا مشت   |  | and a selection of the second section of the second section is a second section of the sectio |  | ومورا أروراج سخوب مدرج سماع  |
|                                       |  |  |  |  | er for the state of the state of   | 医双侧性性神经 机氯甲基甲基   |
|                                       |  |  |  |  |  |  |
|                                       |  | and the second of the second o | and the first state of the stat |  |  | aran a sanan di B  |
|                                       |  |  |  |  |  |  |
|                                       |  |  |  |  |  |  |
|                                       |  |  |  |  |  |  |
|                                       | . •  |  |  |  | 1  | 1.   |
|                                       | •  |  |  | 1 - 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -  | ·  | · .  |
|                                       |  |  |  |  |  |  |
|                                       |  |  |  |  |  | . 1  |
|                                       |  | Proteins. XXXII. The molecu<br>trypsin. Pavel Barti, Blahoslav S<br>Kalena (Ustav org. chem. CSAV,   | hir weight of chamo-   |  |  |  |
|                                       |  | Parel Bartl, Blahoslav   | it dlack, and Vludunit   |  |  |  |
|                                       |  | Taken Allery org. chem. CSAV.  | Prague). Chem. Lasty   |  |  |  |
|                                       | II n   |  |  |  | 1  |  |
|                                       | CAECH  |  |  | •  |  |  |
|                                       | $\mathbf{r}_{i}$   |  |  |  | 4  | j  |
|                                       |  | scattering method as 27,000 and 26   | ON resp. The conen.  |  |  |  |
|                                       |  | dependences indicate the dissocu.  | f the chymotrynsin par-  |  |  | 1  |
|                                       | •  | dependences makete the dissection  | our mus culed as annior.   |  |  | - 5  |
|                                       |  | ticles. The mol. vt. of the I monor  | B. Brden   |  |  |  |
|                                       |  |  |  |  |  | <del></del>  |
|                                       |  |  |  |  | s yi—dayana dangak   |  |
| 7.5                                   | the said was a second  |  |  | COLUMN COLUMN COLUMN   | Control of the Contro |  |
|                                       |  |  |  |  |  |  |
| 15                                    |  |  | alla alla della di la compania della d<br>Della della del  |  |  |  |
| /                                     | تازيع فيحيو وخفظهان لتثب فبالمعابسية فطفاهم  |  | China de la company de la comp |  |  |  |
| -                                     |  |  | wight on a right of land on a column.  |  |  | et i krigi kirilita terbiliki i  |
|                                       |  |  |  | and the second of the second   |  |  |
|                                       |  |  |  |  |  |  |
|                                       |  | امن الجُماع من الحالي المنظم المن<br>المنظم المنظم المنظ   |  |  | en e   |  |
| · · · · · · · · · · · · · · · · · · · | farka in di Ferrebilan Marini i  | e managarita bibah ingis bada s  | skirmen in heride i del Mes  | The state of the s |  | rik ngayanakata ng Avi   |
| عر کی                                 |  | <u> </u>   |  |  |  | 사용 시계 중 사용 무슨 사람이  |
|                                       |  |  |  | بالزمارك للعمام أتباركك سأمتعسكمت  | بالتك ككسابك   |  |
|                                       |  |  |  |  |  |  |
|                                       |  | PAGE TRANSPORTED TRANSPORTED TO THE PROPERTY OF THE PROPERTY OF THE PAGE TO TH |  |  | erronden er en erstend   | 500  |
| NOTE OF BUILDING                      |  |  |  |  |  |  |
|                                       |  | 公司是一部"各国的一种"之间的,上部国际企  |  | <b>公司</b>  | : ···  | •  |

AUTHORS:

Musilek, Frana; David, Lubomír; Kacena, Vladimír

and Skřivánek, Jiří

TITLE:

The VVR-S nuclear reactor and its application

possibilities

PERIODICAL: Jaderná energie, no. 10, 1961, 343-348

TEXT: This article lists only reactor data essential for experiments and evaluates experience obtained during reactor operation. The reactor has a system of horizontal experimental channels (60 and 100 mm in diameter) and vertical irridiation channels (60, 45 and 40 mm in diameter). Adjacent to the active zone is a movable thermal column, made of graphite, which contains one horizontal and four vertical channels. Three special channels in the reactor shielding are destined for biological research. Laboratories located beneath the reactor are equipped for handling highly-active isotopes. The reactor itself is an intensive source of neutrons and gamma-radiation. The neutron, resulting Card 1/5

The VV-S nuclear reactor ...

from the fission-chain reaction, can be divided into: (a) fast (fission) neutrons with energies above 104 ev; (b) resonance (medium) neutrons; and (c) slow (thermal) neutrons with energies less than 0.1 ev. At a maximum reactor output of 2,000 kw, the average neutron flux in the first part of the core life is approximately 1013n/cm2/sec. The gamma radiation can be divided according to its origin into: (a) prompt (fission) radiation which has a total energy of 7.827 mev and an average energy of 1.1 mev; and (b) radiation emitted by fission products. The total gamma radiation on the boundary of the active reactor zone reaches up to 108 tissue rads/hr. The operations performed with diation service; (b) production of radioisotopes; (c) physical experiments; and (d) experiments in the field of reactor techniques. Technical irradiations to determine the behavior of various materials or test animals are made in cooperation with either directly in the active zone or on the periphery of the reactor. More than 50% of the time of reactor operation have so Card 2/5

The VVR-S nuclear reactor ...

far been used for producing radioisotopes. Successful clinical tests were made with Na-24, K-42 and J-131. Regular deliveries of radioisotopes were started in 1960. The institute produces Na-24 in form of NaCl, NaHCO3 and Na2CO3 with specific activities up to 100 mc/g Na; corresponding K-42 compounds with specific activities up to 40 mc/g K; Cu-64 in form of the metal or or CusO<sub>4</sub>; P-32 with carrier (specific activity 1.2 mc/mg P), without carrier (specific activity 1.0 mc/mg P), in form of H3PO4, Na2HPO4, NaH2PO4, KH2PO4, and K2HFO4 solutions, and as red P; and S-35 in form of H2SO4, BaSO4, Na2S, and elementary S. The production of J-131 and Au-193, which is presently discontinued, will be resumed after completion of the new radiochemical building. Major areas of physical experiments performed at the Nuclear Research Institute are study of nuclear reactions with slow electrodes (radiative capture) and reactor-physical measurements. Individual papers deal with the influence of photomultiplier resolution on the total resolution of a scintillation spectrometer; the basic design of a Compton gamma-ray

Card 3/5

**APPROVED FOR RELEASE: 07/19/2001** CIA-RDP86-00513R000519810014-2"

The VVR-S nuclear reactor ...

scintillation spextrometer, etc. Spectrometric investigation of radiative capture by the nuclei of various elements delivered more precise data in the low-energy part of decay schemes and revealed new gamma-transition lines. Studies of gamma-radiation double cascades (which have a total energy equal to the binding energy of neutrons) are important for precise determination of decay schemes and were conducted on compound nuclei C1-36, Hg-200 and Co-60. Information on spin conditions in compound nuclei can be obtained from angle correlations of two-cascade connected gamma lines. An instrument for measuring such angle correlations, lately installed at the Institute, consists of two scintilaation spectrometers, a coincidence system with high time discrimination (5.10-9 sec), and a multichannel time analyzer. The neutron spectrometer used at the VVR-S reactor employs a mechanical separator, consisting of a steel drum, 200 mm in diamter with a system of radial slots, performing 15,000 rpms. Neutrons are registered by a series of boron counters and liquid neutron-scintillation detectors, developed by the Institute. A special gas fission detector was developed Card 4/5

The VVR-S nuclear reactor ...

for measuring effective fission cross-sections. Distribution of the neutron flux in rod-shaped fuel elements was investigated in the thermal column of the reactor. The irradiated fuel specimens are provided with Au, In and Dy foils, serving as activation detectors, and the flux distribution of thermal and resonance neutrons inside the fuel element is derived from the registered & and y activity. The same method is used to determine the diffusion length in moderators containing hydrogen. There are 4 figures and 14 references: 13 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication p. 130.

ASSOCIATION: Üstav jaderného výzkumu ČSAV (Nuclear Research Institute, Czechoslovak AS)

Card 5/5

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

28452 Z/038/61/000/010/005/008 D291/D301

21.4000

Teplý, Jiří, and Kačena, Vladimír

TITLE:

AUTHORS:

Research in radiation and hot-atom chemistry

PERIODICAL: Jaderná energie, no. 10, 1961, 348-351

TEXT: The article outlines general tasks of radiation and hotatom chemistry, describes the research performed in this field by the Ustav jaderného výzkumu ČSAV (Nuclear Research Institute, Czechoslovak AS) and lists the irradiation equipment at its disposal. In the field of radiation chemistry, the Institute studies primary processes taking place in the radiolysis of simple compounds, evaluates the radiation stability of various materials, and investigates possibilities of chemical dosimetry. The mechanism of radiolytic processes is studied especially in view of free radicals which form active intermediate products. In these studies, the following methods are used: kinetic studies of radiolysis of organic substances with dissolved radical interceptors (FeCl3, diphenylpikryl hydrazil, etc.); a new method to study

Card 1/5

X

Research in radiation ...

Z/038/61/000/010/005/008 D291/D301

free radicals, originating by irradiation of substances in frozen state, from the spectra of electron-paramagnetic resonance; a method prepared for investigating elementary processes in gaseous phase by means of mass spectrometry. Subjects of individual papers are: The radiation chemistry of watery chloroform solutions (the paper confirms the reaction mechanism, gives a kinetic explanation of the induction period and investigates the influence of other solutions); The radiation chemistry of bi- and tri-valent Fe-solutions (the paper investigates the competing influence of α, α'-dipyridyl, bromidic and thallic ions on the radiation redox reaction); The radiolysis of tetrachloromethane (the paper investigates the suitability of this agent as a dosimetric system in mixtures with ethanol and resazurin); The mechanism and kinetics of the oxidation of watery cystine solutions, Investigations of the radiation-chemical stability of extraction materials and organic coolants primarily employ gas chromatography. Experiments on chemical dosimetry are made with the above-mentioned tetrachloromethane system and some inorganic crystals such as Mn, Mg and Sm activated CaSO4. Apparatus at disposal for radiation-che-Card 2/5

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

28452 Z/038/61/000/010/005/008 D291/D301

Research in radiation ...

mical experiments are: a 1 Mev van de Graaff accelerator; a radiation source of approximately 250 curie Co-60 with an intensity of 2.103 r/min in the direct vicinity of the radiator, and Co-60 with a maximum intensity of 50 r/min; some Ra, Co-60 and Co-60 with a maximum intensity of 50 r/min; some Ra, Co-60 and from several milligram-equivalents Ra to several tens of gramequivalent Ra; and x-ray sources with a maximum of 60 and 250 kv. Additional x-ray sources for 90 and 200 kv, both with a maximum of 1,000, 2,000 and 20,000 curies Co-60 are planned to be installed in 1962/63. The Institute is also equipped with a gas chromatograph with thermally conducting cells and a spectrograph on the 3.20-cm wave with a modulation of 100 kc/sec, and has a sensitivity of the order of 1015 spins. Research in the field of (1) Early studies of the chemical states of As-76 (the distribution of As-76 between oxidation stages AsIII and AsV was studied Card 3/5

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

SISTEMATICAL PROPERTY OF THE P

28452 Z/038/61/000/010/005/008 D291/D301

Research in radiation ...

on Na-cacodylate, As<sub>2</sub>O<sub>3</sub> and Na<sub>2</sub>HAsO<sub>4</sub>); (2) Studies performed and published by members of the Institute during their visit to the USSR: These studies dealt primarily with the Szilard-Chalmers reaction and resulted in the development of a so-called "dynamic" separation method for highly-active isotopes, where the irradiated solution is circulated and continuously processed to eliminate a decrease of specific activity which is otherwise caused by transfer reactions. Two studies, conducted in Moscow under the supervision of Professor A.N. Nesmeyanov, dealt with the S-32 (n, p) P-32 reaction in the hydrogen sulfide - benzene system, and with B-80 and B-82 reactions; (3) In 1960, initial studies were undertaken with the experimental reactor, investigating the behavior of atoms after (n, r) and after (n, p) reactions. These studies were also the subjects of dissertations prepared at the Nuclear Research Institute by 4 students of the CVUT (Czech Institute of Technology). In the studies of (n, r) reactions, the behavior of analog systems, containing P or As is compared, and the activity distribution in inorganic and organic compounds is

Card 4/5



28452 2/038/61/000/010/005/008 D291/D301

Research in radiation

investigated. So far, a paper has been published on the behavior of As-76 in the AsCl3-benzene system. In the studies of (n, p) reactions, the Cl-35, S-35 reaction was used to investigated the distribution of S-35 atoms in various compounds which can originate at the irridiation of chlorobenzene-benzene, eventually chlorohexane - hexane solutions. The two reactions show quite different mechanisms: while another isotope of the same element originates in (n, ) reactions, the atom converts into a different element in (n, p) reactions. There are 17 Soviet-bloc references.

ASSOCIATION: Ústav jaderného výzkumu ČSAV (Nuclear Research Institute, Czechoslovak AS)



Card 5/5

KACENA Vladinia

# PHASE I BOOK EXPLOITATION Z/6221

Majer, Vladimír, Docent, Engineer, Doctor.

Základy jaderné chemie (Principles of Nuclear Chemistry). Prague, SNTL, 1961. 607 p. Errata slip inserted. 2500 copies printed.

Collaborators: Ladislav Drška, Engineer, Department of Nuclear Physics (FTJF) of the Technical University of Prague (CVUT); Bohumír Chutný, Engineer, Doctor, Vladimír Kačena, Doctor of Natural Sciences, and Jaromír Malý, Engineer, all of the Institute of Nuclear Research (ÚJV), Czechoslovak Academy of Sciences (CŠAV); and Adolf Zeman, Doctor of Natural Sciences, FTJF, CVUT.

Reviewers: Jiří Teplý, Engineer, Candidate of Sciences, ÚJV, ČSAV, and Čestmír Jech, Doctor. of Natural Sciences, Candidate of Sciences, of the Institute of Physical Chemistry, ČSAV; Chief Ed. for Chemical Literature: Adolf Balada, Doctor of Natural Sciences; Resp. Ed.: Vladimír Spáčil, Engineer; Tech. Ed.: Ludvík Charvát.

Card 1/1 3

Principles of Nuclear Chemistry (Cont.)

Z/6221

PURPOSE: This textbook is intended for students in schools of higher education, as well as for research and industrial personnel concerned with the peaceful uses of atomic energy and radioactive isotopes.

COVERAGE: The textbook deals with the principles of nuclear chemistry. Elementary concepts of the structure of matter and atoms and of the origin and development of nuclear chemistry and radiochemistry are reviewed in the foreword. The main text is devoted to nuclear reactions, natural and artificial radioactivity, nuclear fission, and the chemistry of 1) nascent atoms, 2) interaction of nuclear radiation with matter, 3) radioactive elements and isotopes, and 4) radioactive tracers. Working methods and techniques, preparation of natural and artificial radioactive compounds and stable isotopes, preparation of tagged compounds, and methods of separation, concentration, and isolation of radioactive compounds and isotopes are described in detail. Uses of nuclear chemistry in analytical chemistry and technology, principles of nuclear chemical

Card 2/11 3

# APPRONED FOR BELFASE: 97/19/2001 CIA-RDP86-00513R909519810014-2"

technology, and principles of thermonuclear processes are reviewed. The following are some of the personalities mentioned: J. Kaspar, Professor, Doctor, Corresponding Member, CSAV; J. Cabicar, Doctor, Candidate of Sciences, J. Růžička, A. Gosman, Z. Spurny, Candidate of Sciences, and M. Podest, Engineer, all of FTJF, CVUT; F. Behounek, Academician; J. Klumpar, Doctor, ČSAV; and M. Majerova, Doctor, wife of the principal author of this text. There are 1076 references, Czech and non-Czech.

### TABLE OF CONTENTS [Abridged]:

Foreword

13

Symbols, Notations, and Abbreviations

15

### I. INTRODUCTION

1. Basic Modern Experimental Knowledge

21

Card 3/1/3

# "APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2

AUC NK AP6010234

AUC NK AP6010234

SOURCE CODE: CZ/0038/65/000/005/0179/0179

AUTHOR: Cifks, Jiri; Kacena, Vladimir

ORG: Institute of Nuclear Research, CSAV, Rez (Ustav jaderneho vyzkumu CSAV)

TITLE: Note on isotonicity of phosphate solutions

SOURCE: Jaderna energie, no. 5, 1965, 179

TOPIC TAGS: solubility, phosphoric acid, phosphate, phosphorous, sodium hydroxide, freezing point depressant, solution property

ABSTRACT: At a ratio of phosphoric acid to NaOH of 0.37 to 0.63 the freezing point depression was investigated as a function of the total P content. At concentrations above 5 mg of P per ml the freezing point depression is influenced by the limits of solubility of Na\_HPO1, 12 ag. at temperatures approaching the freezing point.

The isotonicity of solutions at pH 7.2 is reached at total concentration of P 1,2 ± 0.02 mg/ml. This value must be maintained in preparation of neutral isotonic solutions of phosphate labeled with P32 in absence of other salts. [JFRS]

SUB CODE: 07 / SUBM DATE: none

UDC: 546.185: 545.371

# "APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2

\*\*Breakdowns in the Area of the Hradec Kralove Trust and Problems Connected with Them. " p. 199, Praha, Vol. 4, no. 5, May 1954.

SO: East European Accessions List, Vol. 3, No.9, September 1954, Lib. of Congress

KACER, H.

FRONEK, A.; KACER, A.

Apparatus for reproduction of cardiac phenomena. Cas. lek. cesk. 89 no.44:1237-1238 3 Nov 50. (CLML 20:4)

1. Of the First Internal Clinic of Charles University in Prague (Head--Prof. K. Hynek, M.D.) and of the State Regional Hospital in Moste (Head--Symon, M.D.).

KACER, J.

"Principles of work shifts and manning of work during a normal fourth shift; also, remarks by M. Makarian."

ENERCETIKA, Praha, Czechoslovakia, Vol. 8, no. 8, August 1958

Monthly List of East European Accessions Index (EEAI), Library of Congress, Vol. 8, No. 8, August 1959

Unclassified

KACER, J.

Michigan wheeled bulldozer. Automobil Cz 7 no.3:77-79

# KATSER, Yan [Kacer, Jan]

Domain structure of uniaxial ferromagnetics. Zhur. eksp. i teor. fiz. 46 no.5:1787-1792 My '64. (MIRA 17:6)

1. Fizicheskiy institut Chekhoslovatskoy Akademii nauk, Praga.

LADISLAN KACER

CZECHOSLOVAKIA / Chemical Technology. - Fertilizers. Chemical Products and Their Application. Part 2.

H-9

Abs Jour: Referat. Zhurnal Khimiya, No 4, 1958, 11893.

Author : Ladislav Kacer, Dionys Vrzgula.

Inst : Not given

Title : Manufacture of Fused Phosphate.

Orig Pub: Chem. prumysl, 1957, 7, No 7, 337 - 339.

Abstract: Fused phosphate (3.7 tons daily) containing 19.8% of total P<sub>2</sub>O<sub>5</sub> and 16.3% of assimilable P<sub>2</sub>O<sub>5</sub> was produced from natural phosphate in lumps in a shaft furnace with the sole in the shape of a bath and heated with natural gas. The waste gases contained HF in the amount of 1.67 g/n.m<sup>3</sup>. The consumption of the fuel gas was 1240 cub.m or 9.7 millions

Card 1/2

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

CZECHOSLOVAKIA / Chemical Technology - Fertilizers, Chemical H-9

Products and Their Application Part 2.

Abs Jour : Referati Zhurnal Khimiya, No 4, 1958, 11893.

Abstract: kcal per k ton of assimilable P2O5. The magnesite lining cooled by water from outside proved to be sufficiently stable under the action of the fuse.

KACER, Robert Wojciech, mgr inz.

New trends in the development of tractors; hydrostatic transmission and turbine engine. Techn motor 12 no. 10: 344-345 0 162.

KACER, R.W. mgr inz. (Warazawa)

Some information on construction in Brazil. Przegl budowl i bud mieszk 34 no.10:619-620 0 162.

### KACER, Vladimir, inz.

Overload capacity of steam turbines. Energetika Cz 12 no.2:63-69 F '62.

1. Statni vyzkumny ustav tepelne techniky, Praha.

KACER, V.; PAZDERKA, J.; KALISTA, V.; KEBORT, J.

Level of some biogenic elements of the hypophysis in malignant tumors. Cas. Lek. Cesk. 103 no.17:465-466 Ap 24 164.

1. II. chirurgicka klinika lekarske fakulty KU [Karlova Universita] v Hradci Kralove (prednosta prof. dr. J. Prochazka) a Ustredni laboratore fakultni nemocnice KUNZ [Krajsky uskav narodniho zdravi] v Hradci Kralove (vedouci MUDr. J. Jicha).

KACER, VI.; DANDA, J.; NAVRATIL, P.

Treatment of plactic penile induration by iontophoresis. Cesk. derm. 39 no.1:29-36 F'64.

1. Chirurgiska katedra (vedouci: prof.dr. J.Prochazka), dermato venerologicka katedra (vedouci: prof.dr. B.Janousek); urologicka klinika (prednosta: doc.dr. J.Svab) lekarske fakulty KU v Hradci Kralove.

KACER, Vladimir; ZAERODZKY, Jiri; KALISTA, Vladimir; KEBORT, Jan.

Electrophoretic treatment of post-traumatic and degenerative ankyloses in aged subjects. Sborn.ved.prac.lek.fak.Karlov. Univ.(Hrad.Kral.) 6 no.3:253-257 \*63.

1. Chirurgicka klinika, Universita Karlova; prednosta: prof., MUDr. J. Prochazka.

\*

### "APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2

CARCHOSLOVAKIA/Human and Initial Morphology. Integument

5-4

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 92855

Author : Kacer, Vladimir

Inst :

Title : Anyloidosis of the Skin

Orig Fub : Coskesl. derantol., 1957, 32, No 4, 250-260

Abstract: This is a report of a case of primary enyloidosis in the

tibial skin of a 32 year old man. The diagnosis has been confirmed by histological means and by a positive test with congo red. After peroral doses of nevocain the itching and

the number of reshes decreased, likewise the number of

cosinophiles and the content of globulin in the blood. -- L.N.

Mashkilleyson

Card : 1/1

KACER, Wanda, mgr., (Warszawa)

"Horyzonty techniki!" Reviewed by Wanda Kacer. Przegl budowl 34 no.3:186-187 Mr. 162.

1. Sekretarz redakcji miesiecznika "Przeglad budowlany i budownictwo mieszkaniowe."

KACERAUSKAS, Jonas; BECONIENE, O., red.

[Protection of wood against decay] Medienos apsauga muo puvimo. Vilnius, Mintis, 1965. 91 p. [In Lithuanian] (MIRA 18:6)

KRAL, Bohuslav; CERNOCHOVA, Zdena; TUSL, Miloslav; SULC, Rudolf; Tech. spoluprace: KACEROVA, M.

Cardiorespiratory functions at rest and under physical exertion in patient, with heart diseases. Sborn. ved. prac. lek. fak. Karlov. Univ. 7 no.5:687.705 '64.

1. II. interni klinika (prednosta: prof. MUDr. V. Jurkovic) a Katedra obecne hygieny (prednosta: prof. MUDr. V. Dvorak).

Diffusion capacity of the lungs at rest and during physical work in patients with heart defects. Cas. lek. Cesk. 104 no.45:1234-1236 12 N '65.

1. II. interni klinika lekarske fakulty Karlovy University v Hradci Kralove (prednosta prof. dr. V. Jurkovic) a Katedra hygieny lekarske fakulty Karlovy University v Hradci Kralove (vedouci prof. dr. V. Dvorak).

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

KRAL, B.; TUSL, M.; CERNOCHOVA, Z.; SULC, R. Technicka spoluprace: KACEROVA, M.

Diffusion lung capacity and various ventilation values at rest and after physical exertion in healthy persons of different age groups. Cas. lek. cosk. 104 no.29:796-799 16 J1'65.

1. II. interni klinika lekarske fakulty Karlovy University v Hradci Kralove (prednoste: prof. dr. V. Jurkovic) a Katedra hygieny lekarske fakulty Karlovy University v Hradci Kralove (vedouci: prof. dr. V. Dvorak).

The second section of the second section section

KRAL, Bohuslav; CERNOCHOVA, Zdena; Technicke spoluprace: KACEROVA, M.

Respiratory function in healthy women in relation to age. Sborn. ved. prac. lek. fak. Karlov. Univ. 9 no.1:329-337 164.

1. III. interni klinika (prednosta: prof. MUDr. V. Jurkovic) Karlovy University v Hradci Kralove.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

**建设设施的设施。** 

Z/034/60/000/08/009/030

AUTHORS:

Opravil, Oldřich, Engineer, Káčerova, Olga, Pazitný, Jozef

and Svatik, Ivan

TITLE:

Isolation and Analysis of Carbides from 16/13 Austenitic

Steels Alloyed with Niobium and Molybdenum

PERIODICAL:

Hutnické listy, 1960, Nr 8, pp 628 - 631

ABSTRACT:

The purpose of the work was to isolate carbides, affecting as little as possible the isolate during the process, and analysis of the carbides, particularly of the main substance, i.e. niobium and niobium carbide. The isolation was carried out in apparatus similar to that described in a report by L. Brhacek (Ref 7) and Backstrom and Heiskanen (Ref 8) in the case of roller-shaped specimens and in apparatus representing a modified design of that described by Brown, Clark and Parker (Ref 5) in the case of specimens in the shape of fine prisms. Primarily, apparatus as shown in Figure 2 was used, employing prismshaped specimens of the dimensions of 50 to 80x20x5 mm, placed into a glass tube (Figure 4). The working procedure is described in detail and results are given which were obtained for a steel of the following composition:

Card1/2

Z/034/60/000/08/009/030

Isolation and Analysis of Carbides from 16713 Austenitic Steels Alloyed with Niobium and Molybdenum

16% Cr; 13% Ni; 1.26% Mo; 0.78% V; 1.20% Nb; 0.10% C. The most suitable electrolyte proved to be 10 vol % HCl in ethylalcohol. The isolation conditions were: temperature up to 5 C; current density 0.10 A/cm<sup>2</sup>; isolation time 8 hours. Specimens of this shape were used to simulate the thermal cycles occurring during welding and to study the resulting changes in the composition of the carbide phase as a function of the duration of the heat effect; this is one application of this method of isolation which is particularly valuable.

There are 7 figures, 2 tables and 11 references, of which 1 is English, 4 are Soviet, 1 German, 1 Swedish and 4 Czech.

ASSOCIATION: Výskumny ústav zváračský, Bratislava (Welding Research Institute, Bratislava)

K

Card 2/2

## KACEROVSKY, B.

"Mechanization and automation of packaging" by F. Cepelik and others. Reviewed by B. Kacerovsky. Strojirenstvi 13 no.8:637 Ag '63.

#### "APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2

KACEROVSKY

CZECHOSLOVAKIA/Morphology of Man and Animals (Normal and Pathologic). The Musculature.

S-5

: Ref Zhur - Biol., No 4, 1958, 17116 Abs Jour

Author

Kacerovsky, K.

Inst

Title

Development of Functional Architectonics of Human Tendons.

Orig Pub

: Ceskosl. morfol., 1956, 4, No 3, 256-275

Abstract

: No abstract.

Dept. Histol. and Embryol., Faculty of Med., Pilson Univ, Pilson, Czech.

Card 1/1

## KACEROVSKY, L.

"AEG manual". Reviewed by L. Kacerovaky. El tech obzor 50 no.11: 659-660 N '61.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"

# KACEROVSKY, O.

Evaluation of various methods in potato preserving. p. 206.

MECHANISACE ZEMEDELSTVI. (Ministerstvo zemedelstvi a lesniho hospodarstvi) Praha, Czechoslovakia, Vol. 9, no. 9, Sept. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959 Uncl.

KACEROVSKY, OTTO.

Cviceni z krumne techniky. /1. vyd. Praha, Statni pedagogicke nakl., 1954. 55 p. (Ucebni texty vysokych skol) /Training in feeding techniques; a university textbook. 1st ed. / DA Not in DLC

SOURCE: East European Accessions List, (EEAL) Library of Congress, Vol. 6, No. 1, January 1957

KACEROVSKY, OTTO

Vyziva a krmeni hospodarskych zvirat.

Praha, Czechoslovakia, Statni pedagogicke nakl., 1958, 305p.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959. Unclassified.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519810014-2"